



BACKER
ELEKTRO CZ

COMMERCIAL & DOMESTIC REFRIGERATION

SAFETY · EFFICIENCY · RELIABILITY

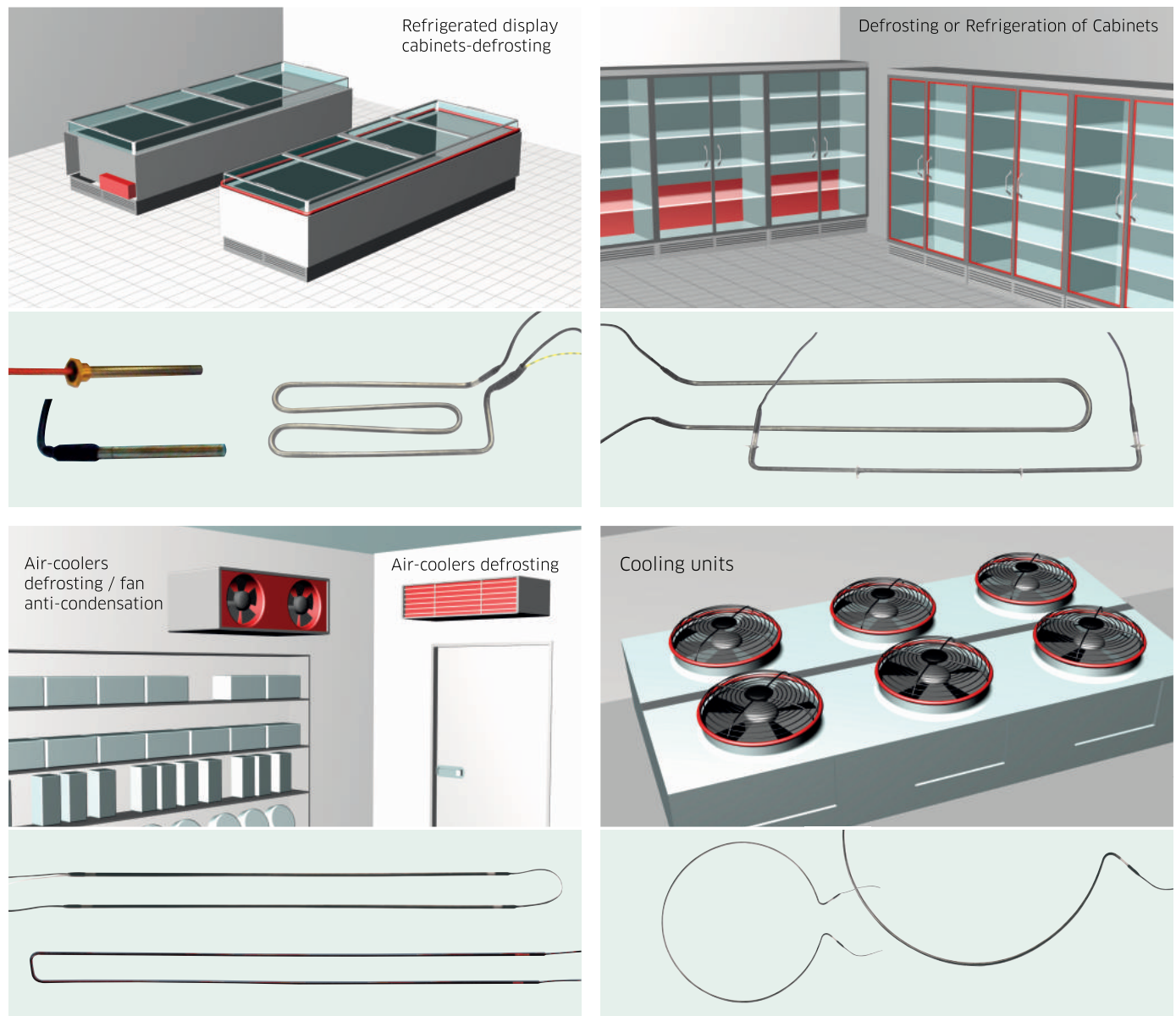
Backer is a global producer with manufacturing and designing facilities in Europe, U.S.A. and Asia with quick response to our customer's specific design and logistic requirements including seasonal peaks typical for this market.

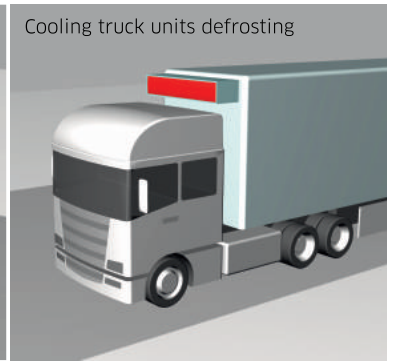
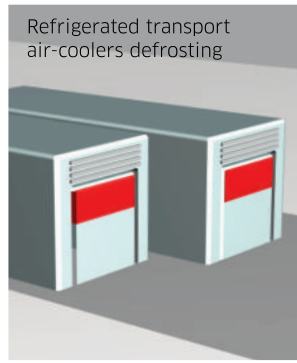
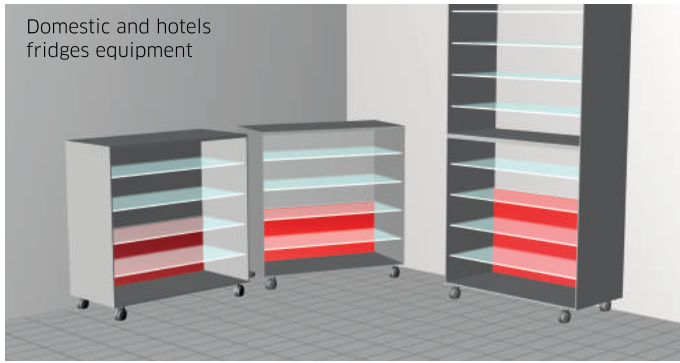
Specific Backer know-how is designing and manufacturing the heating elements used in the refrigeration areas. Backer provides a wide assortment of high quality heating elements and operational assemblies for: ceiling unit coolers for commercial and industrial buildings, truck and container cooler units, refrigerated cupboard and counters for retail, supermarket / hypermarket sales. A partnership with Backer gives you a dedicated team of designers, project engineers and technical experts in the fields of electric heating, measurement and control, ready to provide you with the optimal solutions for your needs.

MAIN TECHNICAL PARAMETERS

Diameter	Maximum length	Minimum bending radius	Sheath material
∅ 6.4 mm	6 200 mm	8 mm	DIN 1.4541, DIN 1.4404,
∅ 8.5 mm	8 300 mm	10 mm	DIN 1.4301, DIN 1.4876 (INCOLOY 800)
6.2x11.5 mm	3 800 mm	10 / flat 20 mm	DIN 1.4435

TYPICAL APPLICATIONS:





SPECIAL DESIGNS:

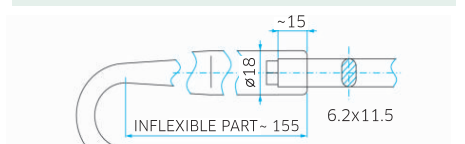
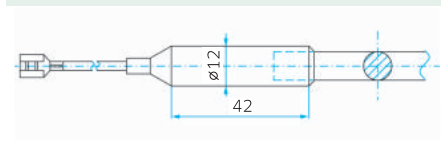
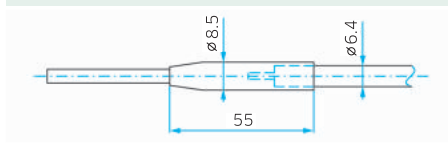
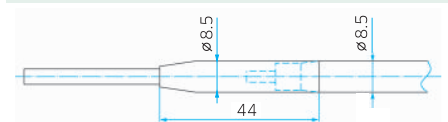


WATERPROOF CONNECTION

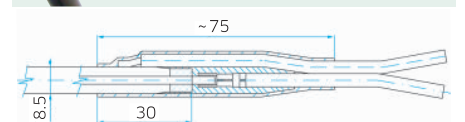
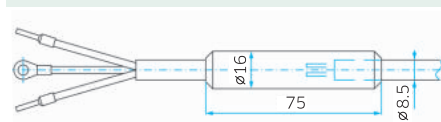
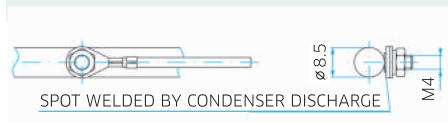
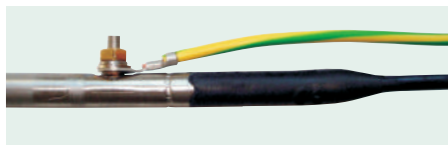
End terminals of the elements are spot welded to cable leads, covered by neoprene or silicone layer and under press and high temperature connected (rubber vulcanization process). Temperature resistivity from -40°C to +120°C or from -60°C to +120°C (silicone variant).



MINIVULCANIZATION
 Unique solution having diameter of the vulcanized part equal to the element diameter.
 Minimum assembly space required.



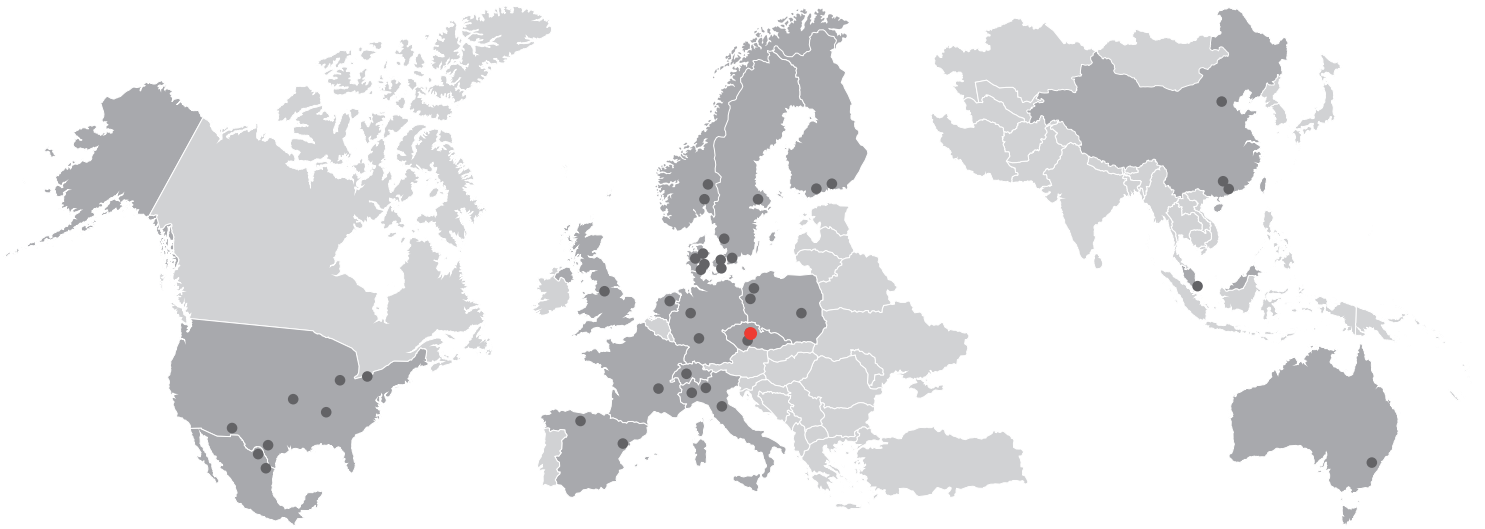
EARTH CONNECTION - VARIANTS





**BACKER
ELEKTRO CZ**

Backer is a global producer with manufacturing and designing facilities in EUROPE, U.S.A. and ASIA. Specialist for designing and manufacturing of heating elements for refrigeration in Europe is BACKER ELEKTRO CZ, located in the CZECH REPUBLIC.



NORTH AMERICA

EUROPE

ASIA / OCEANIA

INDUSTRY SECTORS



Industrial/projects



HVAC



Customised solutions



Home appliance

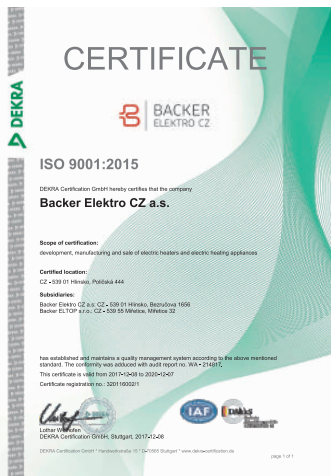


Transportation



Energy/Environment

QUALITY STANDARDS



We strive to deliver the highest quality products combined with a flexible way of working. This permeates the whole process from sales, product development, manufacturing, customer service and logistics. Backer delivers products that meet all relevant standards and tests, certifying products according to customer specifications. We also having possibilities to carry out tests in modern labs, constantly improving our product performance and energy efficiency.



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